

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A networked health-monitoring system, comprising:

a plurality of remote patient sites, each site of said plurality of remote patient sites including a device having (i) at least one display, (ii) a data management unit configured to facilitate collection of health-related data of at least one patient, (iii) a memory circuit, and (iv) stored program instructions for collecting said health-related data and generating information in response to said health-related data; and

10 at least one central server connectable for communication with the device at each remote patient site, wherein
(A) said at least one central server is configured to (i) receive said health-related data from said device, (ii) analyze said health-related data, (iii) produce reports, including standardized reports, from said health related data, (iv) transmit said reports to a health care professional associated with said at least one patient, and (v) transmit at least one message for presentation on said at least one display and said at least one message is sent by said health care professional in response to at least one of said reports and (B) (i) the data management unit is physically separate from the at least one display, (ii) the memory circuit and the display form a part of the device, (iii) the device comprises a

handheld device, (iv) the handheld device is capable of displaying pictorial information related to said health-related data, (v) the handheld device is capable of displaying animated information related to said health-related data and (vi) the memory circuit comprises a program cartridge.

2. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one message includes step-by-step instructions.

3. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one message includes results of a test.

4. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one message is a multi-line message.

5. (PREVIOUSLY PRESENTED) The system of claim 1 wherein the health-care professional generates the at least one message.

6. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one message is educational or motivational.

7. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one central server is configured to transmit the at least one message to a specific patient.

8. (PREVIOUSLY PRESENTED) The system of claim 7, wherein the at least one central server is configured to transmit the at least one message automatically to the specific patient.

9. (PREVIOUSLY PRESENTED) The system of claim 7, wherein the at least one central server enables the specific patient to choose when to receive the at least one message.

10. (PREVIOUSLY PRESENTED) The system of claim 7, wherein the at least one message can be stored before being transmitted to the specific patient.

11. (CURRENTLY AMENDED) The system of claim 1, ~~further comprising at least one health-monitoring device wherein the device at each patient site is configured i) to monitor at least one health condition the health-related data of said at least one patient at at least one remote patient site; and~~
~~ii) to communicate data related to said at least one health condition to the at least one central server.~~

12. (CURRENTLY AMENDED) The system of claim 11, wherein the data management unit facilitates collection of said health-related data by receiving said health-related data ~~related to said at least one health condition from at least one of the health-monitoring devices~~ the device.

13. (CURRENTLY AMENDED) The system of claim 11, wherein ~~at least one of the health-monitoring devices~~ the device includes one or more of the set consisting of

- i) a blood glucose monitor;
- 5 ii) a peak flow meter;
- iii) a blood pressure monitor;
- iv) a pulse monitor; and
- v) a body temperature monitor.

14. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the data management unit is configured to facilitate collection of said health-related data entered by said at least one patient at a remote patient site using buttons, keys or switches.

15. (CANCELED).

16. (CANCELED).

17. (CANCELED).

18. (CANCELED).

19. (CANCELED).

20. (CANCELED).

21. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the plurality of remote patient sites further include at least one computer connected to the data management unit.

22. (CANCELLED).

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23. (PREVIOUSLY PRESENTED) The system of claim 1, further comprising at least one computer corresponding to said health care professional and said computer is remotely located from and in signal communication with the at least one central server to receive the reports.

24. (CANCELLED).

25. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the system is configured to allow said health care

professional to select which of a plurality of standardized reports is produced.

26. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the report uses graphs and/or icons.

27. (CANCELLED).

28. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the report can be generated periodically.

29. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is configured to cause the presentation of at least one report on the at least one display at a remote patient site.

30. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the system can display statistical and/or trend information.

31. (PREVIOUSLY PRESENTED) The system of claim 30, wherein the system can display statistical or trend information to said at least one patient.

32. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the reports include data for a period of time.

33. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is configured to allow the at least one patient to control the display of information using at least one menu.

34. (PREVIOUSLY PRESENTED) The system of claim 33, wherein the system is configured to allow the at least one patient to select any one of operational modes from the set consisting of:

- 5 i) a display mode for displaying relevant information;
- ii) an input mode for providing information; and
- iii) a communications mode for establishing a link with the at least one central server.

35. (PREVIOUSLY PRESENTED) The system of claim 33, wherein the menu allows said at least one patient to select a monitoring mode in which said device is used to monitor at least one health condition of said at least one patient at at least one 5 remote patient site; and to communicate data related to said at least one health condition to the at least one central server.

36. (PREVIOUSLY PRESENTED) The system of claim 33, wherein the menu allows said at least one patient to display messages or instructions from said health care professional.

37. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is configured to allow the at least one patient to respond to information on the at least one display by using a cursor or other indicator positioned at a selected item.

38. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is configured to enable said program instructions to be (i) provided from the server for storage in said memory circuit and (ii) executed by said device at a remote patient site.

39. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one patient can indicate to the system symptoms related to at least one health condition of said at least one patient.

40. (ORIGINAL) The system of claim 1, wherein the system can capture quantitative measurements.

41. (PREVIOUSLY PRESENTED) The system of claim 40, wherein the collected health-related data includes time data.

42. (ORIGINAL) The system of claim 37, wherein the system can capture medication data.

43. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the computer receives the reports after transmitting an authorization code to the at least one central server, wherein said authorization code identifies a user as said healthcare professional.

44. (CURRENTLY AMENDED) A The method comprising:

at a plurality of remote patient sites, each site of said plurality of remote patient sites including a device having (i) at least one display, (ii) a data management unit facilitating collection of health-related data of at least one patient, and (iii) program instructions stored in a memory circuit to collect said health-related data and generate information in response to said health-related data; and

connecting at least one central server for communication with the device at the plurality of remote patient sites, wherein (A) said at least one central server is configured to (i) receive said health-related data from said device, (ii) analyze said

15 health-related data, (iii) produce reports, including standardized reports, from said health related data, (iv) transmit said reports to a health care professional associated with said at least one patient, and (v) transmit at least one message for presentation on said at least one display and said at least one message is sent by said health care professional in response to at least one of said reports and (B) (i) the data management unit is physically separate from the at least one display, (ii) the memory circuit and the display form a part of the device, (iii) the device comprises a handheld device, (iv) the handheld device is capable of displaying pictorial information related to said health-related data, (v) the handheld device is capable of displaying animated information related to said health-related data and (vi) the memory circuit comprises a program cartridge.

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45. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the at least one message includes step-by-step instructions.

46. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the at least one message includes results of a test.

47. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the at least one message is a multi-line message.

48. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the health-care professional generates the at least one message.

49. (PREVIOUSLY PRESENTED) The method of claim 44, wherein said at least one message is educational or motivational.

50. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the at least one message is transmitted to a specific patient.

51. (PREVIOUSLY PRESENTED) The method of claim 50, wherein the at least one message is transmitted automatically to the specific patient.

52. (PREVIOUSLY PRESENTED) The method of claim 50, wherein the at least one message is transmitted to the specific patient when the specific patient chooses.

53. (PREVIOUSLY PRESENTED) The method of claim 50, wherein the at least one message is stored before being transmitted to the specific patient.

54. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising using at least one health-monitoring device configured

5 to monitor at least one health condition of said at least one patient at at least one remote patient site; and to communicate data related to the at least one health condition to the at least one central server.

55. (PREVIOUSLY PRESENTED) The method of claim 54, wherein the data management unit facilitates collection of said health-related data by receiving data related to the at least one health condition from at least one of the health-monitoring devices.

56. (PREVIOUSLY PRESENTED) The method of claim 54, wherein said at least one health-monitoring device includes one or more of the set consisting of

a blood glucose monitor;
5 a peak flow meter;
a blood pressure monitor;
a pulse monitor; and
a body temperature monitor.

57. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the data management unit is configured to facilitate collection of health-related data entered by said at least one patient at a remote patient site using buttons, keys or switches.

58. (PREVIOUSLY PRESENTED) The method of claim 54, wherein the data management unit is physically separate from the at least one display.

59. (PREVIOUSLY PRESENTED) The method of claim 58, wherein the memory circuit and the at least one display form a part of at least one of the health-monitoring devices.

60. (PREVIOUSLY PRESENTED) The method of claim 59, wherein the device is a handheld device.

61. (PREVIOUSLY PRESENTED) The method of claim 60, further comprising displaying on the handheld device pictorial information related to said at least one health condition.

62. (PREVIOUSLY PRESENTED) The method of claim 61, further comprising displaying on the handheld device animated information related to said at least one health condition.

63. (PREVIOUSLY PRESENTED) The method of claim 61, wherein the memory circuit is a program cartridge.

64. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising connecting at least one computer to the data management unit.

65. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising generating at least one report based on the health-related data collected at the plurality of remote patient sites.

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66. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising remotely locating and connecting a computer corresponding to said health care professional and said computer is in signal communication with the central server to receive the reports.

67. (CANCELLED).

68. (PREVIOUSLY PRESENTED) The method of claim 66, wherein a health care professional selects which of a plurality of standardized reports is produced.

69. (PREVIOUSLY PRESENTED) The method of claim 66, wherein the reports use graphs and/or icons.

70. (PREVIOUSLY PRESENTED) The method of claim 66, wherein the report is generated periodically.

71. (CANCELLED).

72. (ORIGINAL) The method of claim 65, further comprising displaying the report on a display at a remote patient site.

73. (PREVIOUSLY PRESENTED) The method of claim 66, further comprising displaying statistical and/or trend information.

74. (PREVIOUSLY PRESENTED) The method of claim 73, further comprising displaying statistical or trend information to said at least one patient.

75. (PREVIOUSLY PRESENTED) The method of claim 66, wherein the reports include information data for a period of time.

76. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising allowing the at least one patient to control the display of information using at least one menu.

77. (PREVIOUSLY PRESENTED) The method of claim 76, wherein the menu allows said at least one patient to select any one of operational modes from the set consisting of:

- a display mode for displaying relevant information;
- 5 an input mode for providing information; and
- a communications mode for establishing a link with the at least one central server.

78. (PREVIOUSLY PRESENTED) The method of claim 76, wherein the menu allows said at least one patient to select a monitoring mode in which said device is used to monitor at least one health condition of said at least one patient at at least one 5 remote patient site; and

to communicate data related to the at least one health condition to the at least one central server.

79. (PREVIOUSLY PRESENTED) The method of claim 76, wherein the menu allows said at least one patient to display messages or instructions from said health care professional.

80. (PREVIOUSLY PRESENTED) The method of claim 44, wherein the at least one patient responds to information on the at least one display by using a cursor or other indicator positioned at a selected item.

81. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising:

5 providing said program instructions from the at least one central server to said device at a remote patient site; storing said program instructions in said memory circuit; and

executing said program instructions on said device at the remote patient site.

82. (ORIGINAL) The method of claim 44, wherein the at least one patient indicates to the system symptoms related to at least one health condition.

83. (ORIGINAL) The method of claim 44, further comprising capturing quantitative measurements.

84. (ORIGINAL) The method of claim 83, further comprising capturing medication data.

85. (PREVIOUSLY PRESENTED) The method of claim 83, wherein the collected health-related data includes time data.

86. (PREVIOUSLY PRESENTED) The method of claim 44, further comprising receiving the reports after transmitting an authorization code to the at least one central server, wherein said authorization code identifies a user as said healthcare professional.

87. (CURRENTLY AMENDED) A networked health-monitoring system configured to collect and process health-related data of at least one patient, comprising:

a plurality of remote patient sites, each site of said plurality of remote patient sites including: (i) a device having ~~means for displaying information~~ (i) at least one display, (ii) a data management unit ~~means for facilitating~~ configured to facilitate collection of patient health-related data, (iii) a memory ~~means circuit~~, and (iv) a stored program ~~means~~ for collecting said health-related data and generating information in response to said health-related data; and

at least one central server ~~means~~ connectable for communication with the data management unit at each remote patient site, wherein (A) said at least one central server is configured to (i) receive said health-related data from said device, (ii) analyze

20 said health-related data, (iii) produce reports, including
standardized reports, from said health related data, (iv) transmit
said reports to a health care professional associated with said at
least one patient, and (v) transmit at least one message for
25 presentation on said ~~means for displaying information at least one~~
~~display and~~ said at least one message is sent by said health care
professional in response to at least one of said reports and (B)
(i) the data management unit is physically separate from the at
least one display, (ii) the memory circuit and the display form a
30 part of the device, (iii) the device comprises a handheld device,
(iv) the handheld device is capable of displaying pictorial
information related to said health-related data, (v) the handheld
device is capable of displaying animated information related to
said health-related data and (vi) the memory circuit comprises a
program cartridge.

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